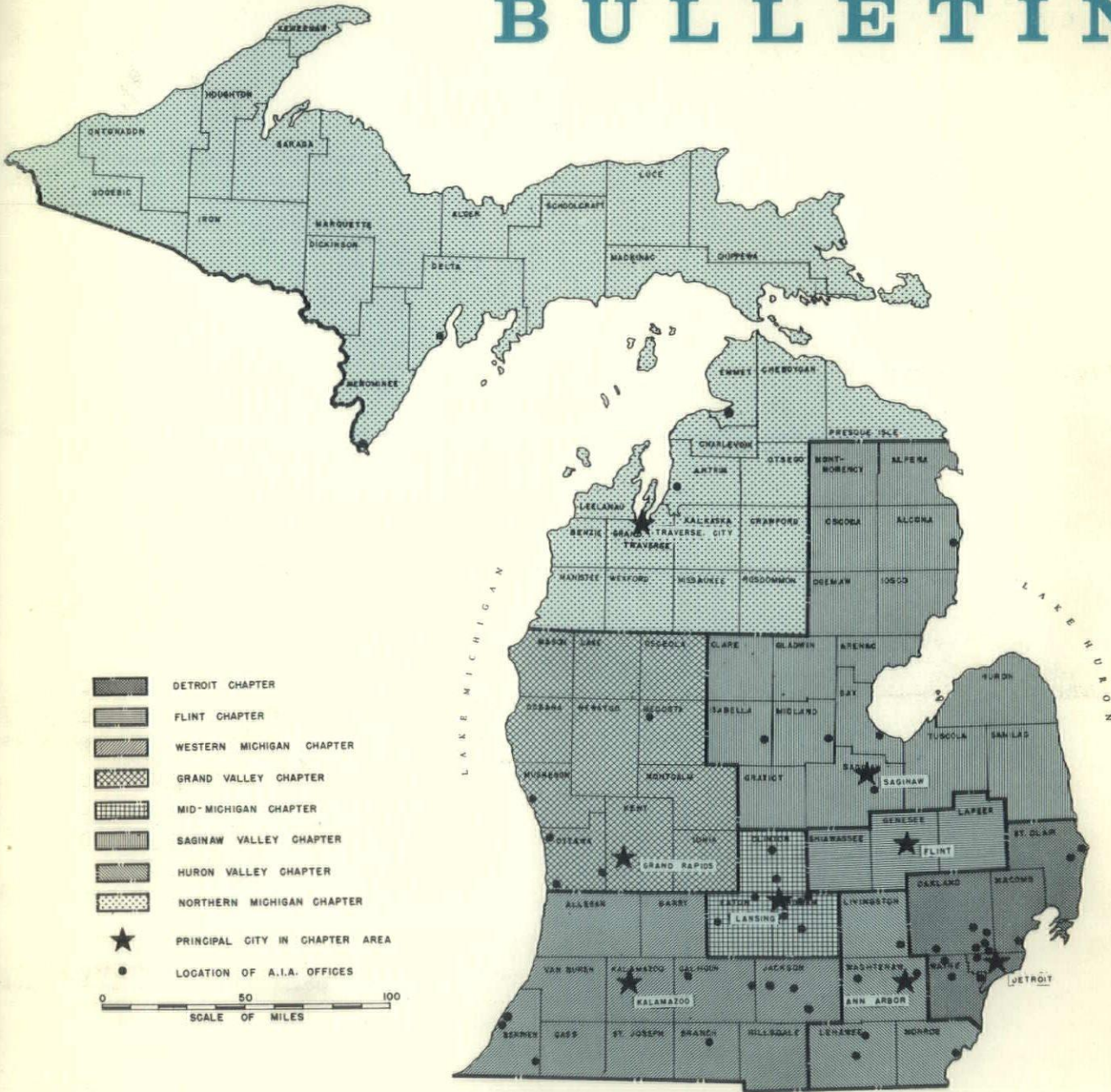


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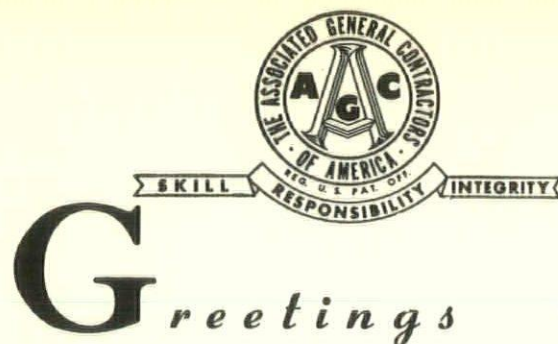
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IN THE MICHIGAN REGION OF
THE AMERICAN INSTITUTE OF ARCHITECTS
ADRIAN NELSON LANGIUS F.A.I.A. DIRECTOR

1966 ROSTER ISSUE

michigan society of architects january 1966 \$2.00



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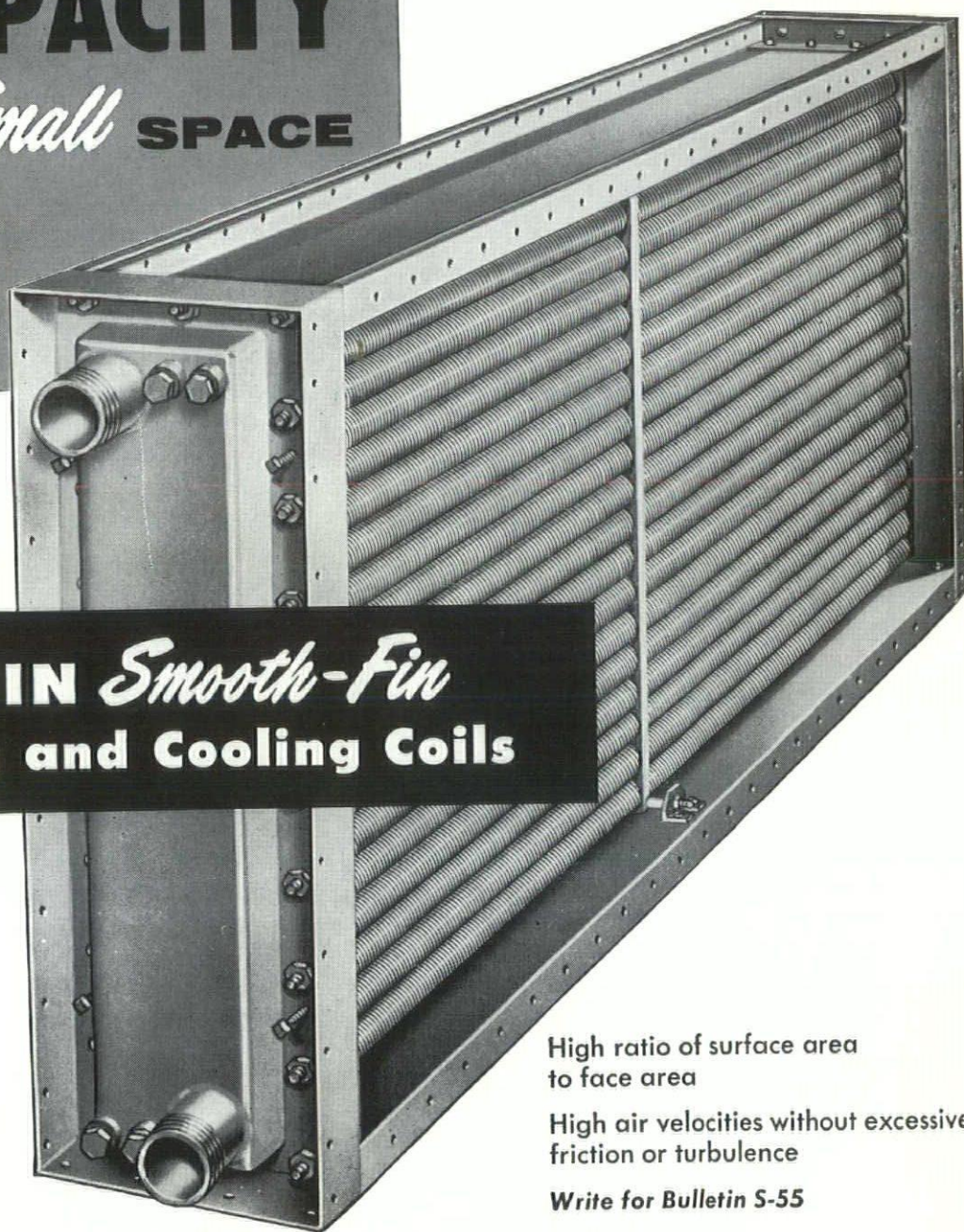


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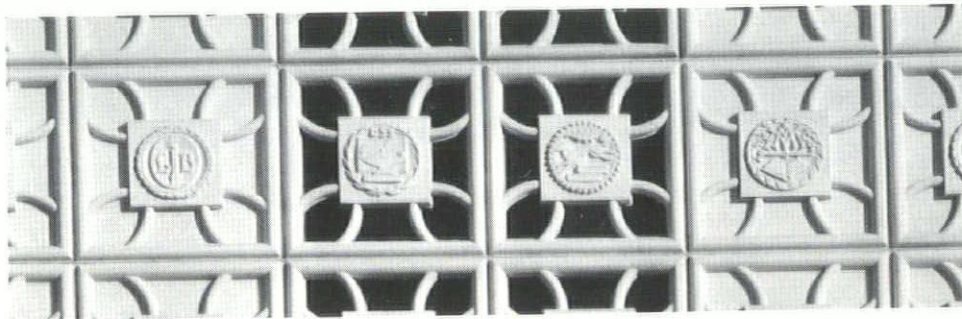
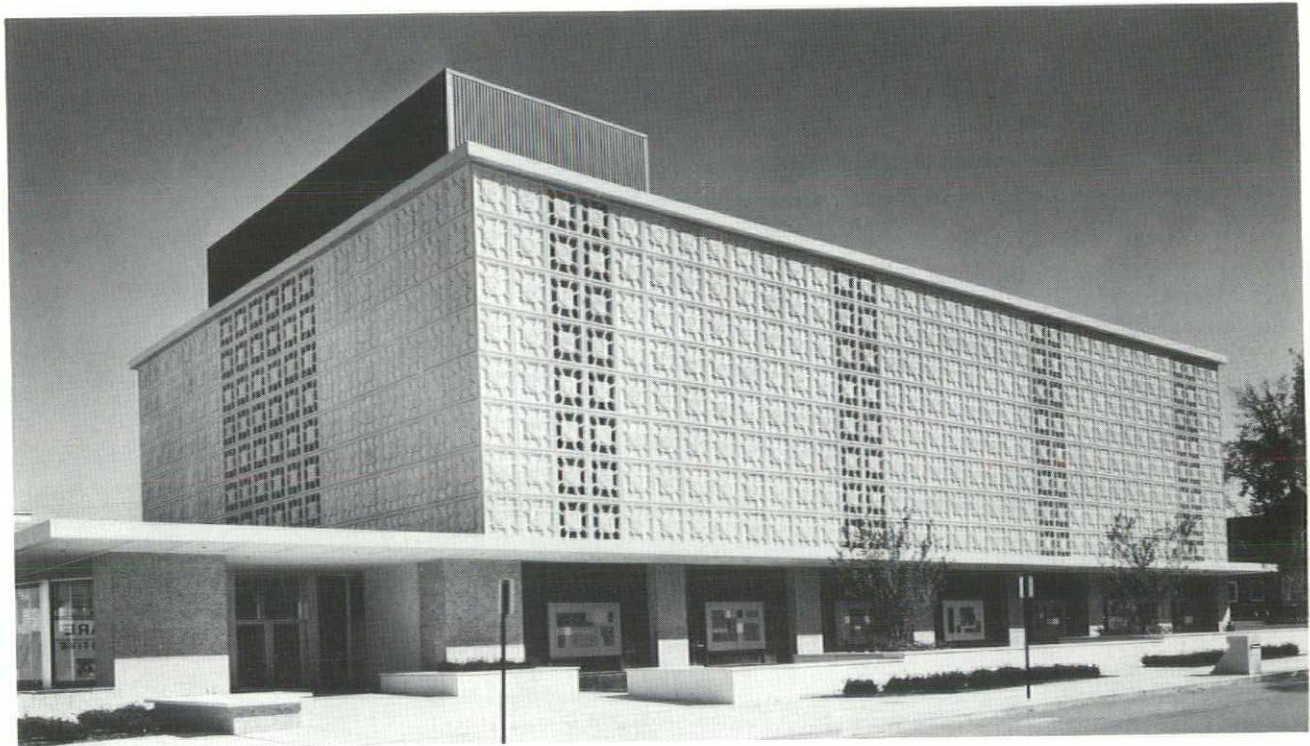
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1966
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michigan society of architects

Volume 41 — No. 1

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ARCHITECTS TO ADVANCE
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Monthly Bulletin, Michigan Society of Architects, is published monthly at 28 West Adams, Detroit 26, Michigan. Entered as second class matter January 15, 1946 at the Post Office at Detroit, Michigan under Act of March 3, 1879. Subscription price, \$4.00 per year (members \$2.00). 50 cents per copy.

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by **EDWIN E. WHEDON**, City Manager



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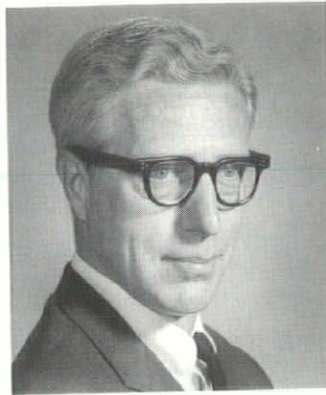
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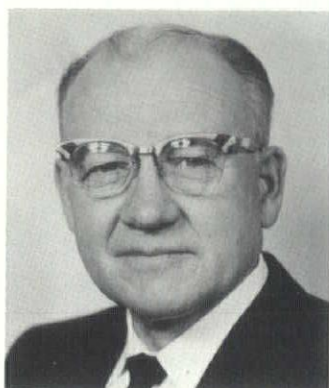
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Heppner, Wilbert C.	1336 Audubon, Grosse Pointe 30	Simon, Jack A.	29622 Brault, Selfridge A.F.B.
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Honner, William J.	1046 Oakridge, Royal Oak	Smith, James R.	229 Lothrop Road, Grosse Pointe 36
Hustoles, Edward J.	20274 Mansfield, Detroit 35	Stevens, Gaston J.	20330 Kelly Rd., Grosse Pointe
Hutchinson, Melville H.	3426 Glenwood, Windsor, Ont.	Stewart, William R.	10834 Kingston, Huntington Woods
Jannuzzi, Shirley A.	3984 Courville, Detroit	Stillwell, Alva J.	4728 Algonquin, Cass Lake
Johns, Barry K.	6040 N. 15th St., Phoenix, Arizona	Stine, Robert W.	21910 Bradford Ct., St. Clair Shores
Johnson, Donald F.	1749 Woodgrove Lane, Bloomfield Hills	Stout, Joseph M., Jr.	1064 Brooklawn Ct., Troy
Johnson, Elmer B.	26040 W. Chicago Rd., Redford Twp.	Teichner, Charles J.	30227 Stockton Rd., Farmington
Joppich, Edgar F.	24547 Creekside, Farmington	Thimm, Joseph R.	15526 Kirkshire Rd., Birmingham
Kalmbach, Donald A.	18861 Bedford, Birmingham	Trautman, Michael H.	1130 Parker, Detroit
Kasurin, John Paul	1509 Martha Ave., Ann Arbor	Ward, Donald E.	321 Fernbarry, Pontiac
Kettler, Walter W.	224 Liberty St., Belleville	Watts, Gaylord A.	3309 Wiscasset Road, Dearborn
Kingsbury, Aelred J.	932 Hawthorne, Grosse Pointe Woods 36	Wetzel, Roy E.	680 Delaware, Detroit
Kinville, James E.	12350 Evanston, Detroit	Weykamp, John B.	185 West Greendale, Detroit 3
Kleiner, Anne May	1 Lafayette Plaisance, Detroit	Wheat, T. E. M.	950 N. Hunter Blvd., Birmingham
Kolopos, Nicholas J.	8942 Timberline, Utica	Wiitala, Vaino M.	Hotel Wolverine, Detroit 1
Kourtjian, Jerair	16149 Kentucky, Detroit 21	Winburn, William J.	3311 W. Chicago Blvd., Detroit 6
Laird, Edward H.	355 Henrietta, Birmingham	Winter, Howard Louis	20513 Lochmoor, Harper Woods 36
Lansing, John A.	1024 Forestdale, Royal Oak	Wzacny, Krzystof Z.	778 Colonial Ct., Birmingham
Lavalli, Walter Ray	1750 Culver, Dearborn	Yeager, William M.	2534 Empire, Pontiac
Levin, Bernard J.	19480 Livernois, Detroit 21	Zelinger, Victor	5203 Audubon, Detroit 24
Linnard, Lawrence G.	618 Pierce St., Maumee, Ohio	Zorn, Mrs. E. M. Elizabeth	1391 Cedar Bend Drive
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Auldin H. Nelson



Archie R. Campbell

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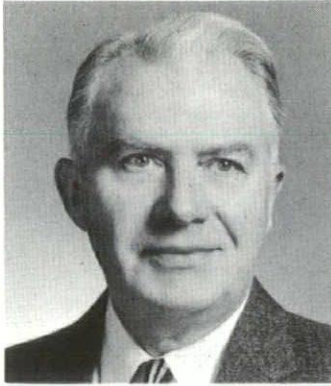
CORPORATE MEMBERS

Allen, Don 14135 Eastview, Fenton
 Campbell, Archie R. 1168 Robert T. Longway Blvd., Flint
 Dittmer, Ralph T. 436 South Saginaw, Flint
 Eubank, T. Neel 2764 Flushing Road, Flint
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 Hanoute, Dave 5227 S. Dort Highway, Flint
 Harburn, Gerald E. 5227 South Dort Highway, Flint
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 Knuth, Ralph W. 708 Harrison Street, Flint
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 Mengel, Robert G. 708 Harrison Street, Flint
 Nelson, Auldin H. 415 Lewis Street, Flint
 Nurmi, S. A. 415 Lewis Street, Flint
 Reno, Ronald 3313 Dearborn, Flint
 Sedgewick, Thomas J. 1168 Robert T. Longway Blvd., Flint
 Sellers, Donald 1168 Robert T. Longway Blvd., Flint
 Suomela, Dale A. 708 Harrison Street, Flint
 Tomblinson, James E. 5227 South Dort Highway, Flint
 Truesdell, Deane M. 614 MacArthur Building
 114 West Union Street, Flint

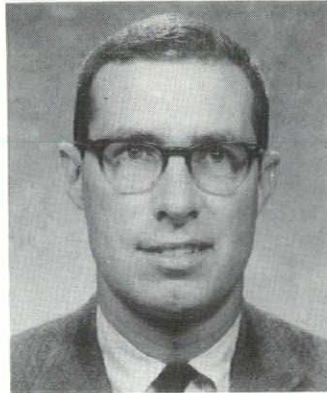
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Apsey, John M. 2918 Mackin Rd., Flint
 Austin, LeRoy E. G-4175 Van Slyke Road, Flint
 Berry, William A. G-5496 Raymond Dr., Flint
 Bessolo, Felix J. 1813 Bennett, Flint
 Botti, Larry 2229 Hoff, Flint
 Currie, Richard 1518 Potter Blvd., Flint
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 Haugen, Dennis H. 424 Crapo Street, Flint
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 Wheat, James D. 1809 Copeman, Flint
 Wright, Jerry D. 3517 Rangeley, Apt. #4, Flint

Grand Valley Chapter



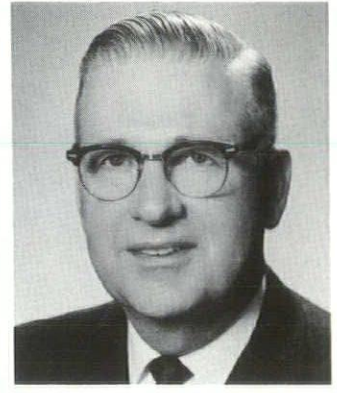
Carl J. Rudine



James B. Nachtgall



Michael John Koteles



M. Brice McMillen

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 Secretary Michael John Koteles
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 Grand Rapids 9
 Daverman, Joseph T. 924 Grandville Ave., SW, Grand Rapids 9
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 De Vries, Bernard J. 613 Hackley Union Bldg., Muskegon
 De Winter, Marvin J. 758 Cherry, SE, Grand Rapids
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 Welch, Kenneth C. (F) 547 Cherry St., SE, Grand Rapids
 White, Donald F. 318 Sanborn Ave., Big Rapids
 Wiggins, Richard E. 729 Billantau, SE, Grand Rapids 3
 Wold, Robert L. 345 State Street, SE, Grand Rapids 3
 Zillmer, Carl 1641 Herrick, NE, Grand Rapids

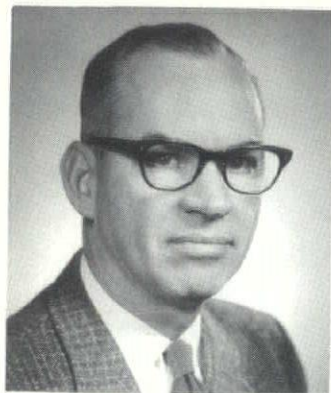
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 Wright, Richard W. 1640 Michigan St., NE, Grand Rapids

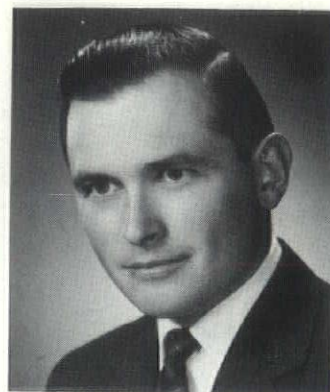
Huron Valley Chapter



Richard M. Robinson



Robert C. Metcalf



L. Robert Hatch



Tivadar Balogh

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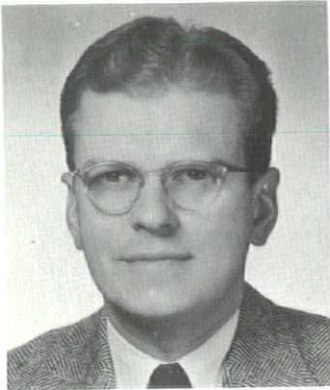
Aitken, Robert J.	1411 Avondale, Ann Arbor
Albano, Joseph F.	1158 Pomona Rd., Ann Arbor
Alten, Ivan	1428 Henry, Ann Arbor
Balogh, Tivadar	49800 Joy Rd., Plymouth
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Fry, Lynn W. (E)	1206 Orkney Dr., Ann Arbor
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Gerganoff, Ralph S.	206 N. Washington St., Ypsilanti
Gerganoff, Zdravko T.	103 W. Michigan Ave., Ypsilanti
Gustafson, Robert G.	752 S. Monroe, Monroe
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Himes, Harold W.	1606 Hillridge Blvd., Ann Arbor
Hobbs, William S.	2241 North Circle Drive, Ann Arbor
Hsiao, Sun Chien	1330 W. Stadium Blvd., Ann Arbor
James, William L.	1131 Vesper, Ann Arbor
Johe, Herbert W.	440 Barton North Dr., Ann Arbor
Kainlauri, Eino O.	2255 Blueberry Lane, Ann Arbor
Kowalewski, Henry S.	1311 Wines Dr., Ann Arbor
Lane, Charles W.	1160 Blakeway, Ann Arbor
Lee, Joseph T. A.	390 Sumac Lane, Ann Arbor
Livingston, James H.	3724 Jackson, Ann Arbor
MacMullan, Donald D.	1145 Pomona, Ann Arbor
Marzolf, Kingsbury	1094 Island Dr. Ct., Ann Arbor
Mastin, Glenn G.	1911 Dunmore Rd., Ann Arbor
Metcalf, Robert C.	1052 Arlington Ave., Ann Arbor
Muschenheim, William	1251 Heatherway, Ann Arbor

Oberdick, William A.	1503 Ottawa, Ann Arbor
Olencki, Edward V.	1150 Mixtwood, Ann Arbor
Osler, David W.	3081 Glacier Way, Ann Arbor
Palmquist, Irving E.	407 Keech Ave., Ann Arbor
Robinson, R. M.	605 Huron View, Ann Arbor
Sanders, Walter B.	99 Barton N. Dr., Ann Arbor
Schwenkmeyer, Carl H.	509 Sauer Court, Ann Arbor
Sims, Howard F.	1021 Fountain St., Ann Arbor
Smith, Edward B. Jr.	1817 W. Stadium Blvd., Ann Arbor
Tanner, Thomas S. (E)	308-10 S. State St., Ann Arbor
Wehrer, Joseph J.	1502 Cambridge, Ann Arbor
Weiland, Keith F.	2475 Devonshire, Ann Arbor
Welch, Lyndon	2220 Glendaloch Rd., Ann Arbor
Wright, Donald F.	1116 Fountain St., Ann Arbor
Zrmack, Fred E.	1724 Dunmore Rd., Ann Arbor

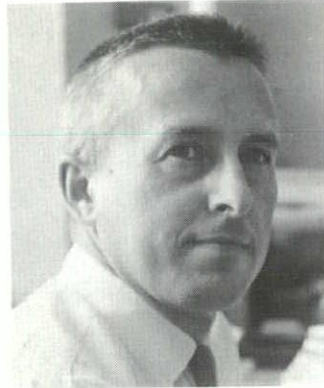
ASSOCIATE MEMBERS

Brink, Lawrence Ray	1408 Henry St., Ann Arbor
Cares, Charles W.	505 Riverview, Ann Arbor
Carpenter, Robert D.	1312 Red Oak Rd., Ann Arbor
Chambers, Walter L.	2998 Geddes, Ann Arbor
Clark, Erroll Terry	1601 Pontiac, Ann Arbor
Clemence, Roger D.	422 Cross St., Ann Arbor
Costello, James C.	3011 Geddes, Ann Arbor
Dalley, Nielsen S.	1271 Jeffrey, Ypsilanti
Darvas, Robert M.	2317 Manchester Rd., Ann Arbor
Eaton, Leonard K.	2601 Heatherway, Ann Arbor
Grillot, Atlee L.	1810 Oneida Place, Ann Arbor
Handler, A. Benjamin	1028 Martin Place, Ann Arbor
Hyde, John W.	1721 Wells, Ann Arbor
Johnson, C. D.	106 E. Liberty, Ann Arbor
Larson, C. Theodore	3575 E. Huron River Dr., Ann Arbor
Nowysz, William	28260 Aberdeen, Southfield
Wiers, Paul J.	619 W. University Ave., Apt. #C-7, Ann Arbor

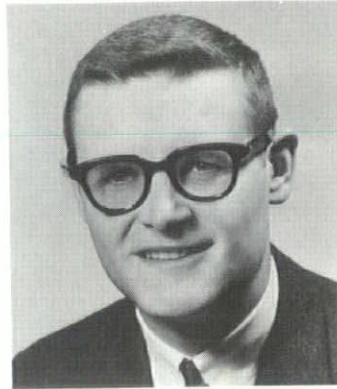
Mid-Michigan Chapter



Charles W. Strieby



Melvin W. Reiter



John E. Crouse



Wesley W. Webb

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Vice President	Melvin Reiter
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Treasurer	Wesley W. Webb

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Howard E. DeWolf	Arthur J. Zimmerman

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Black, William D.	715 Stoddard Building, Lansing
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Chatterton, A. R.	820 North Washington, Lansing 5
Cornell, L. D.	505 Ardson Rd., East Lansing
Crouse, John	1792 Walnut Heights, East Lansing
DeWolf, Howard E.	209 Abbott Road, East Lansing
D'Haene, Nobyn H.	201½ E. Grand River, East Lansing
Dixon, Theodore W.	820 N. Washington, Lansing 6
Farnsworth, Alvin L.	715 Stoddard Bldg., Lansing
Fitzgerald, E. K.	2211 Delta River Drive, Lansing
Fowler, Lewis H.	Box 239, Route #1, Eagle
Frank, Richard C.	219 S. Grand Ave., Lansing 68
Frazier, R. Eugene	820 N. Washington Ave., Lansing
Freeman, Robert L.	831 N. Washington Ave., Lansing
Harris, Clarke E.	820 North Washington, Lansing 6
Hartwick, Bruce M.	5025 West Saginaw, Lansing
Ironside, Ian C.	925 Glenhaven, East Lansing
Jackson, Edward	4516 River Ridge Road, Lansing
Kane, William J. H.	603 East Jefferson, Grand Ledge
Kolm, Alwin S.	661 Beech Street, East Lansing
Laitala, Walter M.	900 Bauch Bldg., Lansing 33
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Lucia, Angelo P.	5244 Blue Haven Dr., East Lansing
Manson, Elmer J.	520 Cherry Street, Lansing 33
Mattern, Robert A.	930 E. Mt. Hope Ave. Lansing
Mayotte, Bernard J.	201½ East Grand River, East Lansing
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Nuechterlein, W. F.	900 Bauch Bldg., Lansing 33
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Paparella, Anthony	1029 E. St. Joseph St., Lansing
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Rosa, Clarence H.	1430 Lindbergh Drive, Lansing 10
Ross, Donald O.	1128 Portage Path, East Lansing
Siefert, Robert L.	1209 North Hayford, Lansing 12
Sleeper, Charles E.	1307 S. Genesee Dr., Lansing

Smith, Robert W.	831 N. Washington, Lansing
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Stoppel, Roger T.	2430 Maumee Drive, Okemos
Stow, Gordon H.	3505 Tecumseh River Rd., Lansing
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Williams, M. M.	820 N. Washington, Lansing 6
Wilson, Dixon S.	414 Ardson, East Lansing
Zimmerman, A. J.	710 Snyder Road, East Lansing

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Hinkle, Russell C.	2316 Sunnyside, Lansing
Newport, Richard J.	3607 Macon Ave., Lansing

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Morgridge, Donald E.	1811 E. Michigan Ave., Lansing
Parish, James D.	219 S. Grand Ave., Lansing
Peterson, Richard L.	712 N. Magnolia Ave., Lansing
Ross, John H.	159 Durand St., East Lansing
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Stein, Thomas D. (PE)	812 S. Dexter Drive, Lansing
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Norman A. Kline



Richard R. Drury



Richard Greenless

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Secretary	Richard R. Drury
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Robert G. Bell	Gordon Cornwell
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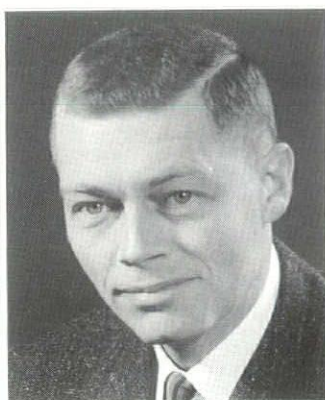
Arai, T. Glenn	Suttons Bay
Arntzen, G. Arne	820 S. 16th St., Escanaba
Arntzen, Norman G.	820 S. 16th St., Escanaba
Begrow, Jack	215½ Bridge, Charlevoix
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Blomquist, James	Iron Mountain
Cornwell, Gordon	401 E. Front St., Traverse City
Cunningham, Harold C.	304 State Bank Bldg., Traverse City
Drury, Richard R.	304 State Bank Bldg., Traverse City
Field, Harford	148 E. Front St., Traverse City
Gjelsteen, Harry W.	113 Sixth St., Menominee
Graheck, Bill J.	148 E. Front St., Traverse City
Greenless, Richard	401 E. Front Street, Traverse City
Hazelton, Paul A.	Grandview Parkway, Traverse City

Kline, Norman A.	604 Bay Street, Petoskey
Miller, Jaye Robert	124 West State St., Traverse City
Shelby, Edwin, III	447 River Street, Manistee
Stiffler, David L.	300 Grandview Pkwy., Traverse City
Strong, Carter B.	304 State Bank Bldg., Traverse City

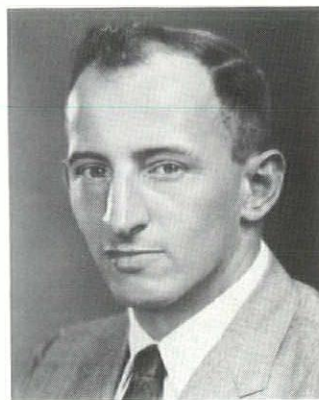
ASSOCIATE MEMBERS

Amor, Robert H.	622 W. 8th St., Traverse City
Dyksterhouse, John R.	224 Wellington St., Traverse City
Gorniak, Frank	Rt 2, Box 832, Traverse City
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Mapes, Philip M.	519 N. Elmwood Ave., Traverse City
Nuttie, Stephen S.	509½ State Street, Traverse City
Podleski, Francis L.	7819 Peninsula Drive, Traverse City
Weiglein, Michael	863 E. State, Traverse City

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William C. Stenglein



Don J. Kelly

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 Crampton, T. Elding 315 Post Street, Midland
 Dow, Alden B. (F) 315 Post Street, Midland
 Feagley, Jack P. 33 Lexington Ct., Midland
 Forsythe, Richard A. 15 Edgewood Road, Saginaw
 Frantz, Robert B. (F) 326 N. Michigan, Saginaw
 Hacker, Irving C. 308 Pine Street, Essexville
 Hallett, Jackson B. 110 E. Grove, Midland
 Hammerschmidt, Robert W. 315 Post St., Midland
 Kelly, Don Jay 3842 Towerline Road, Bridgeport
 Kretchman, Robert A. 2925 Shattuckville Road, Saginaw
 Morris, Douglas C. 1211 E. Euclid, Bay City
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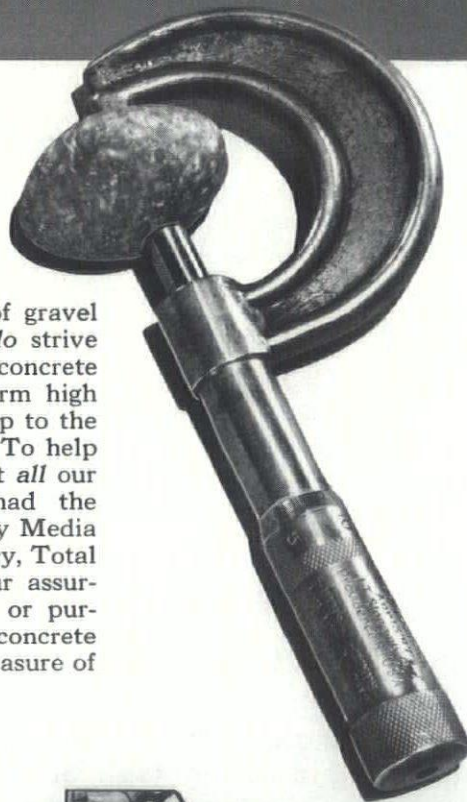
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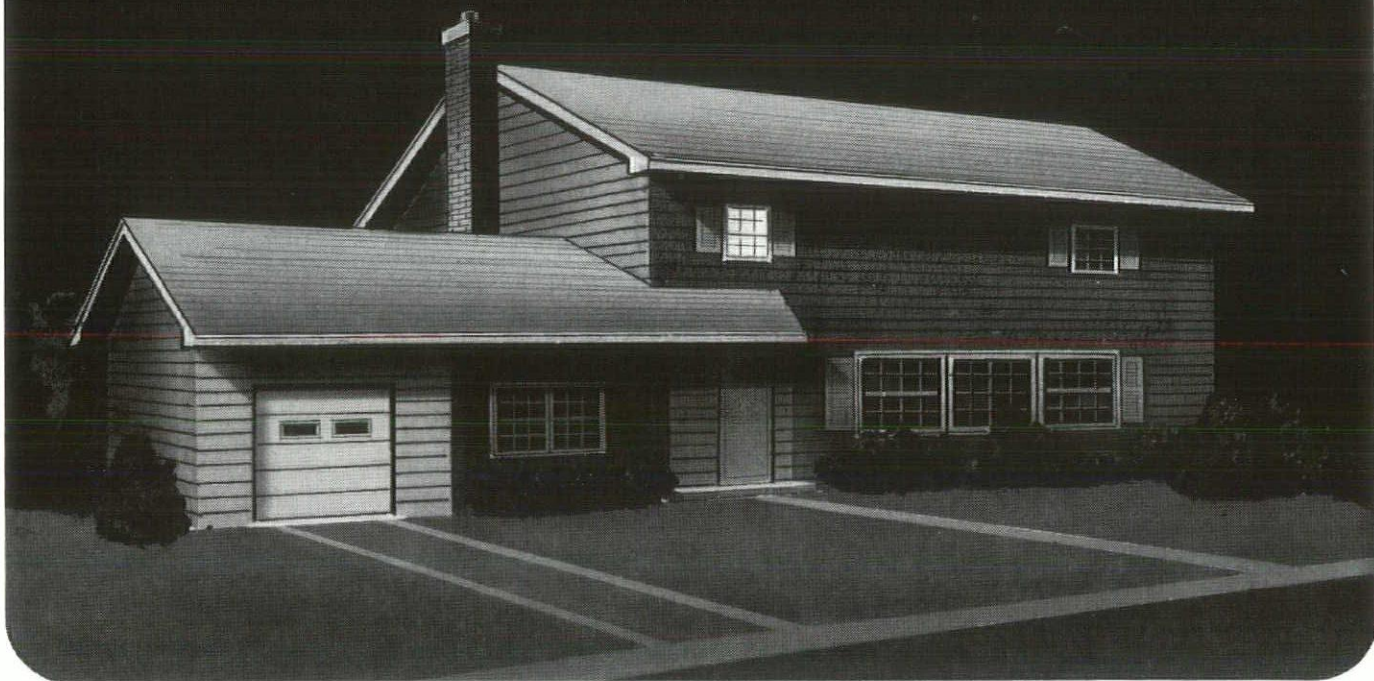
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Rosen to Address DC-CSI Meeting

Harold J. Rosen, Chief of the Specifications Department of the New York office of Skidmore, Owings and Merrill, will be the guest speaker at the joint DC-CSI dinner meeting, January 20, at the Pick-Fort Shelby Hotel, Detroit.

A registered P.E. in New York and a Fellow of the Construction Specifications Institute, Mr. Rosen has been engaged in writing architectural specifications and in material research since 1941. He is currently a contributing editor and author of a monthly column "Specifications Institute" for *Progressive Architecture*.

"The Materials Explosion and its Implications" will be the topic of Mr. Rosen's talk.

"This seemingly innocuous title contains many ramifications," says Rosen. "First, it concerns the Architect and Specification Writer who must have an augmented curriculum at the college level to better understand ma-

of a material, manufacture of a material, and installation of a material when a failure occurs."

The Meeting will begin at 6:00 P.M. with cocktails, a buffet dinner at 7:00 P.M. and the program will begin about 8:00 P.M. Members and their wives of Detroit Chapter, AIA and the CSI, students and the interested public are invited to attend. The program portion of the evening will be open to those who do not wish to come for dinner.

Goals Conference for Ann Arbor

The Huron Valley Chapter in cooperation with other Ann Arbor organizations will participate in a Conference on Ann Arbor Goals to be held at the Michigan Union Tuesday, January 25, 1966. The keynote speaker will be Mr. Grady Clay, editor of *Landscape Architecture* magazine, Real Estate Editor of the *Louisville Courier-Journal*, and founder of the Citizens Metropolitan Planning Council of Louisville, Kentucky.

The conference will be spearheaded by Steering Committee chairman Joseph T. A. Lee, AIA. The conference will be from 8:00 A.M. to 10:00 P.M. with three general sessions, three symposiums and small discussion sessions. A \$1.50 registration fee will be charged for the entire conference or any part.

An important part of the conference is the display "Planning in the Ann Arbor Area" sponsored by the American Association of University Women and the League of Women Voters, which will be held in the Rackham Galleries, Ann Arbor, January 20-26.

For additional information or programs contact The University of Michigan Extension Service, Conference Department, 412 Maynard, Ann Arbor.

Design Award Jury Named

A jury of five architects has been named to review nominations for the 1966 10th annual R. S. Reynolds Memorial Award, according to the American Institute of Architects which administers the award.

The jury includes Walter A. Netsch Jr., of Chicago; James Gowan, of

London, England; Romaldo Giurgola of Philadelphia; Edward A. Killingsworth, of Long Beach, Calif.; and Harwell Hamilton Harris, of North Carolina.

The Reynolds award is conferred for distinguished architectural design with significant use of aluminum. The jury will meet to review nominations on March 9.

Yokom Appointed SH&G Associate

The appointment of Robert W. Yokom, AIA, as an Associate in Smith, Hinchman and Grylls Associates, Inc., Detroit architectural, engineering and planning firm has been announced by Robert F. Hastings, the firm's president.

Mr. Yokom, who is currently serving as project director for the Michigan State Capitol Development, joined Smith, Hinchman and Grylls in 1964. Previously he had been in independent



Harold J. Rosen



Robert W. Yokom

terials. Secondly, the manufacturer's representative must have a technical background and must be far better equipped to provide information on his product. Literature describing manufacturers products will require considerable improvement. A system for information retrieval for the host of products available will become a necessity. An agency, either public or private, may be needed as a materials evaluation service center. Still to be determined is responsibility for selection

practice and for a long period had been associated with George D. Mason and Company, serving as vice president from 1959 through 1961.

A native Detroit, Mr. Yokom attended the College of Architecture of the University of Michigan. A registered architect, he is a member of both the American Institute of Architects and the Michigan Society of Architects. He is a director and is Treasurer-elect of the Detroit Chapter, AIA.

Sirrine Recipient of CIB Achievement Award

C. A. Sirrine, AIA, executive secretary of the Concrete Products Association of Michigan, was named by the Concrete Improvement Board of Detroit as the recipient of its Eighth Annual Achievement Award. The presen-



*William Dresig
and C. A. Sirrine*

tation occurred during the annual CIB Awards Dinner, held Thursday evening, December 2, at the University Club in Detroit.

Mr. Sirrine was honored for his outstanding contributions toward the improvement of concrete practices and standards, particularly in the design, specification and usage of quality con-

crete masonry.

He is a graduate of the University of Michigan College of Architecture and was employed by the Michigan State Highway Department during the early phases of experimental concrete highways. He also served several architectural firms in Detroit before assuming his present position in 1949.

Forum on Community Ugliness

The Student Chapter, AIA at Lawrence Tech will conduct a Forum on Community Ugliness on Saturday, January 29, 1966 at 7:30 P.M. in the Auditorium on Campus. The forum is in conjunction with the War on Community Ugliness sponsored nationally by the AIA.

The war is directed toward all communities in the United States with the purpose of making the public aware of environmental blight which exists in some form in all communities. The panel will discuss the conditions of our urban environment and the reasons for the conditions of present ugliness. They will further discuss what their own profession must do to effectively improve it.

The panel will be composed of Architect, William Kessler, AIA; Planner, Gerald Crane, AIA; Politician-Councilman William Brickley of Detroit; Business Representative, Craig

Smith of Sullivan-Smith realty company; and Sociologist Dr. Robert Smock, Ph.D., he is technical director of TALUS (Transportation and Land Use Study). The moderator will be Carl Sedarburg of WJBK-TV, Detroit.

Tickets are available at \$1.00 per person. Contact: Student Chapter, Lawrence Institute of Technology, 21000 W. 10 Mile Road, Southfield, Mich. 48076.

Architects-Engineers Commission Acts.

The Architects-Engineers Liaison Commission approved jointly-developed documents on professional collaboration and arbitration. The A/E Commission represents the American Institute of Architects, Consulting Engineers Council and the National Society of Professional Engineers.

Representatives of the American Society of Landscape Architects, American Society of Civil Engineers and the American Institute of Planners participated in editing the collaboration documents originally drafted by the A/E Liaison Commission. The Task Force which edited the statement was appointed by the Interprofessional Commission for Environmental Design, consisting of representatives from the AIA, AIP, ASLA, ASCE, CEC and NSPE. As approved, the statement covers the re-

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The statement on "Professional Collaboration in Environmental Design," which will be presented to the governing boards of each organization for official approval, is intended to provide principles for collaboration and co-operation of the design professions. Among the principles stated in the document: It is impractical to delineate the various design functions and areas of practice precisely, as they may overlap to a degree; collaboration and teamwork throughout the planning and design cycle is supported wholeheartedly by the environmental design professionals in the interests of their clients; close collaboration among the design professionals should begin at the very earliest stages of research, analysis and design and at that the responsibilities of the collaborating professionals should be clarified and established. Ordinarily, the client's interests are best served by a single contract with a prime professional who is responsible for direction of the work and for providing through collaboration the specialized services that may be needed.

The Construction Industry Arbitration Committee, composed of representatives of Associated General Contractors of America, Council of Mechanical Specialty Contracting Industries, AIA, CEC and NSPE, filed its final report with the Commission, recommending a plan for Construction Industry Arbitration, to be administered by the American Arbitration Association. The plan, which is subject to approval by the parent societies of the Commission, calls for adoption and maintenance of Construction Industry Arbitration Rules, review and maintenance of Panels of Construction Industry Arbitrators, consideration of applications of additional construction industry associations for representation on the Committee, and dissemination of information throughout the construction industry regarding arbitration.

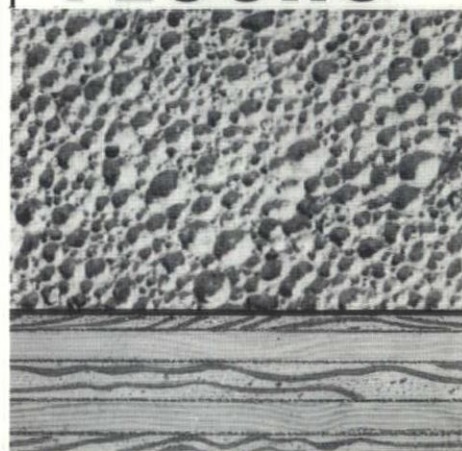
The report suggests that the industry associations become contributing members of AAA, and that they establish and maintain local Advisory Councils to the regional offices of AAA. A revised arbitration clause would be recommended for use in construction industry contract forms. Under the proposed arbitration rules the AAA would establish a National Panel of Construction Arbitrators.

The next meeting of the Commission will be held February 14, 1966, at NSPE Headquarters, Washington, D. C., at which time a new chairman will be elected to succeed George S. Rawlins, PE, the current chairman.

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Brown Speaks on Forum for Metropolitan Goals

Paul B. Brown, AIA, vice president, Harley, Ellington, Cowin & Stirton, Inc. addressed the members of the Transit Mixed Concrete Institute of Metropolitan Detroit at their recent annual meeting.

Speaking as president of the Forum for Metropolitan Goals, Brown was asked to cover three basic points.

1. What the Forum is trying to do.
2. Progress to date.
3. Plans for the future.

Excerpts from his talk are quoted below.

"One of the most striking phenomena of our times is the rapid growth—largely within our own lifetime—of our urbanized areas. Most of the advantages, as well as the liabilities, of today's living are features of this increasingly urban way of life. The growing concentration of people in a few large metropolitan areas is, of course, not a chance development, but the result of economic forces, of the increasing specialization of functions brought about by modern technology, of the greater opportunities for variety and choice in work, and in social and cultural activities, afforded by the large city.

This specialization of occupations and of interests, together with the vast

physical extent and the variety of living patterns of our metropolitan region, has dissolved people's sense of living a common life and sharing common concerns—important attributes of our earlier communities. The New England town-hall meetings brought people together to discuss and seek solutions to their common problems; there is no counterpart to these meetings, in our urban communities today. Without effective local means of finding solutions to community problems, the only solutions—and they can only be partial ones—will be imposed by State and Federal decree. A principal reason, it seems evident, for our inability to resolve many of the shortcomings of our urban environment is a lack of community identification on the part of the citizens of the various parts of the metropolitan area."

"The first approach to better urban living, whether in the city or the suburbs, is a broadening of objectives and understanding. We need to have a picture of the community and metropolitan area we would really like to build. This has to be expressed one way or another if we expect ever to realize a more satisfactory urban life. We need to establish goals that are desirable and bold, yet attainable. This will require the universal support of every element in the community-busi-

ness groups, political forces, civic groups, minority groups—all elements of the population. Citizens in every part of our metropolitan area need a greater sense of the stake that all of us have in a better community for people of all incomes and races, a community that transcends artificial boundaries that separate central city and suburbs."

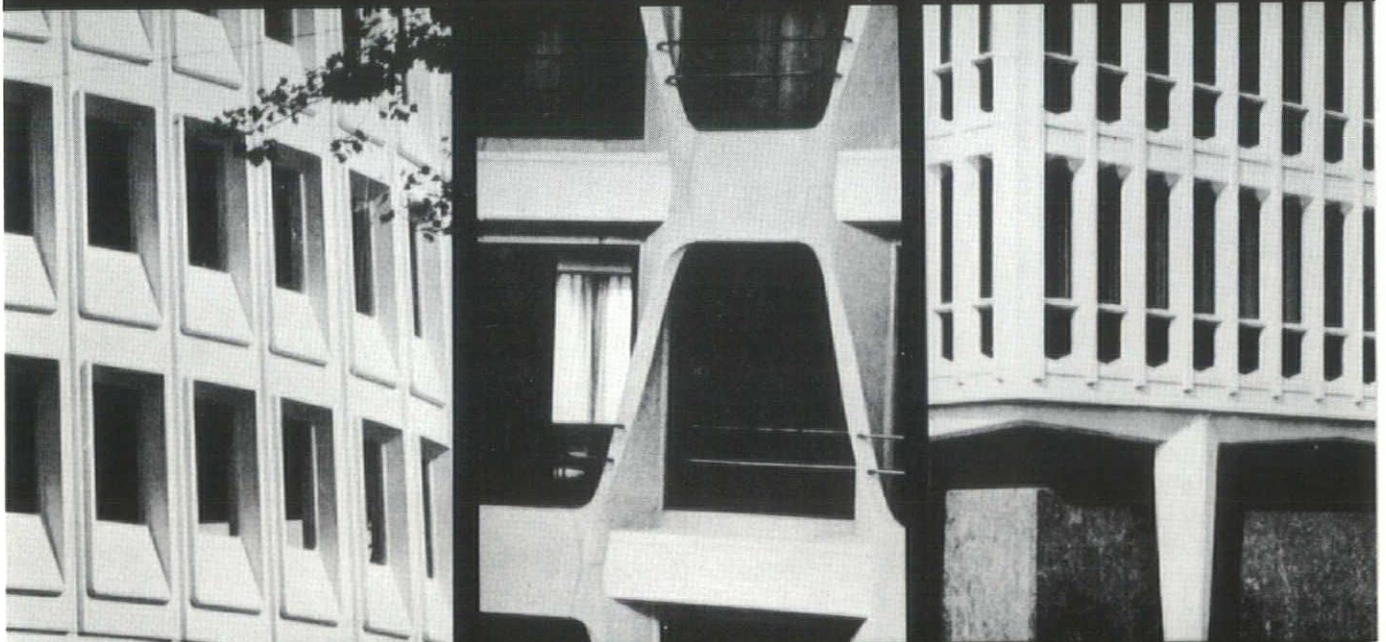
"It goes without saying that little progress can be made in resolving the physical, social, economic and cultural shortcomings of our area until the people of our six-county region realize the true extent to which this metropolitan area is, in fact, one community—a community with an area of about 4,000 square miles, a population of four million people, and containing over 200 governmental units, a community with such an interdependence among its municipalities that few of the problems of anyone are independent of area-wide situations. We are all aware of the kinds of problems that are of metropolitan-wide scope, and whose solution requires cooperative action."

"The specific objectives of our organization are as follows:

1. To stimulate the joint interest of citizens and public officials in long-range goals, in terms of the needs and desires of the people, to guide the development of the six-county metropolitan area.

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2. To inform the public on the need for goals and on the possibilities of more satisfactory living in our metropolitan area.

3. To encourage public discussion and debate on metropolitan goals for our area.

4. To sound out public opinion on specific questions related to metropolitan goals.

5. To formulate with the participations of citizens and public officials, specific goals for our area which will recognize the inherent values of metropolitan life."

"Since its first metropolitan conference at Cobo Hall in May, 1963, I believe that the Forum has gained considerable community interest in the formulation of goals for our region. Three additional area-wide conferences have been held; the most recent, in May of this year, had as its theme 'Goals for Transportation and Regional Development', and related closely to the 3 yr., 3½ million dollar comprehensive transportation and land-use study for our six-county area, now under way."

"Our program so far has only served to arouse some degree of interest; only this fall are we embarking on the most vital part of a program which must involve people from all sections of our region. The Greater Detroit Board of Commerce, together with the 32 local Chambers throughout the metropolitan area, have joined with the Forum to organize a program of local community Forums — similar to the community goals conference held in Livonia last March — that will encourage citizens to come together in their own communities to discuss local problems and goals, and in doing so to realize that many local problems reach beyond local boundaries, and that effective goals for their local community must dovetail with realistic goals for the development of the broader metropolitan community."

"The Forum program of wide public involvement in the formulation of metropolitan goals is a unique and pioneering effort. It has prompted Paul Ylvisaker, Director of the Public Affairs Program of the Ford Foundation, to remark that it indicates 'noble ideals above those anywhere else in metropolitan areas of the United States; truly, there is something plus going on in Detroit'."

"The pulling together of our citizens' ideas and dreams and goals — and eventually seeing that these are translated into plans — is the program of the Forum."

PC-AIA Appoint Liaison Committee

The American Institute of Architects and the Producers' Council, Inc., signed a new agreement of affiliation which clarifies their current common objectives and updates affiliation agreement originally signed in 1923.

In a joint statement Morris Ketchem, Jr., FAIA, and Charles S. Stock, presidents of the AIA and PC respectively, explained that because both groups work in the interest of the client, each is concerned with the goals and achievements of the other, each seeks to protect the client, the AIA by fostering and preserving the highest degree of professionalism in architecture, the Producers' Council by guarding the quality and integrity

of building products.

The presidents noted a need for increasing collaboration as matters of mutual concern have multiplied through a growing complexity in modern building and environmental design problems. The relationship established between the two organizations has been extremely valuable to the profession of architecture, to the producers of construction materials and products, and to those for whom buildings are constructed, they said.

Collaboration between the two organizations will be handled through a new Liaison Commission of six members, three from each group. Named to day to serve on the Commission in addition to the presidents were R. Lloyd Snedaker, FAIA, of

(Continued on Page 30)

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(Continued from Page 29)

Salt Lake City, chairman of the AIA committee on building materials and systems, and William H. Scheick, FAIA, executive director of the AIA, and, for Producers' Council, A. M. Young, a past president and chairman of the PC-Architects liaison committee and John L. Haynes, PC managing director.

Officials emphasized that the new national Liaison Commission in no way effects individual chapter level, the components of AIA and PC will continue to carry on effective liaison work through a variety of committee activities adapted to local requirements, they said.

In the new national agreement of affiliation, the Institute and Council plan to cooperate in several activities designed to advance knowledge, raise informational standards and secure economies to the construction industry and the public.

The Liaison Commission, whose members are appointed for one-year terms, will decide which matters call for collaboration.

Areas in which the two organizations will collaborate include advancement of knowledge about the most effective use and assembly of materials used in construction; dissemination of up-to-date knowledge of materials and methods gained through research and field experience; improvement of standards of advertising and information on materials and methods useful to the architectural profession and the building industry.

They will work together to assist in education of students of architecture, engineering and related construction arts, as well as representatives of building materials and manufacturers. They will try to secure economies to the entire construction industry and the public through improved building materials and systems coordination, collaboration between local chapters of the Institute and Producers' Council.

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A.I.A. Cites Five Cities for Community Architecture

San Antonio, Philadelphia, Louisville, Salt Lake City and Oklahoma City have joined the list of communities awarded a "Citation for Excellence in Community Architecture" by the American Institute of Architects.

The citation program was started early this year to recognize cities having planned architectural projects which successfully realize the objective of creating vital environments for their core, with Detroit receiving the first such award. No single building can qualify for a citation. Each of the AIA's 17 regions is eligible to nominate a city for the citation, which must then be approved by the national Board of Directors.

Paseo del Rio, San Antonio, Texas, received a citation as the winning nominee of the AIA's Texas Region from Morris Ketchum Jr., FAIA, A.I.A. president during the annual convention of the Texas Society of Architects at Austin.

Oklahoma City's downtown plan was presented a citation by Angus McCallum, director of the Central States Region, at its convention in Des Moines, Iowa. The Central States Region comprises Iowa, Kansas, Missouri, Nebraska and Oklahoma.

Society Hill in Philadelphia, Pa., was the winning nominee of the Institute's Pennsylvania Region, honored as a convincing reconciliation of old and new. The citation was presented to the citizens of Philadelphia and their mayor James H. J. Tate by Willard S. Hahn of Allentown, director of AIA's Pennsylvania region, during the annual convention of the Pennsylvania Society of Architects at Hershey, Pa.

Village West, an ingeniously designed new low-rental development in Louisville, Ky., won a citation for the AIA's East Central Region, which includes the states of Indiana and Kentucky. The citation was presented at a meeting of the West Kentucky Chapter in Louisville today by Walter Scholer Jr. of Lafayette, Ind., regional director.

Downtown Salt Lake City's Second Century Plan was the winning nominee of the Western Mountain Region, AIA, presented by regional director James M. Hunter FAIA of Boulder, Colo., during the regional conference at Scottsdale, Ariz. The Western Mountain Region comprises Arizona, New Mexico, Nevada, Wyoming, Colorado and Utah.



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Roof Systems Manual Sponsored by AIA

To meet a current need for a source of reliable information on roof systems, The AIA has arranged to sponsor development and publication of a comprehensive design manual for roof systems.

Leonard G. Haeger, AIA, has been engaged as author-editor of the work which has been tentatively entitled a "Comprehensive Design Manual for Bituminous Built-Up Roof Systems." This book is to bring together all available data on component parts of these systems and on the various factors affecting their performance.

The project is being backed financially by 23 organizations which belong to the building community. More than \$50,000 has been pledged in order to assemble the information without delay into a single reference volume for the use of all segments of the construction industry.

The Institute has undertaken this project because such a manual will not only help the architect to design the best roof for each situation, but will directly benefit the producer of roofing systems products by preventing the inadvertent misuse of those products.

The objective of the project, as conceived by the AIA's Committee on Building Materials and Systems, are to

identify the chemical, physical and environmental factors affecting roof systems; to gather and analyze the available technical data relating to these factors and to each of the components of roof systems; and to publish this information in an organized, clearly written and illustrated manual to be used by architects, builders, producers, applicators and maintenance engineers.

Publication is scheduled for early 1968.

MSA Elects New Officers

At the December meeting, held in Detroit on December 8, the Michigan Society of Architects Board of Directors elected officers for 1966.

President is Robert L. Wold, of Wold and Bowers, Inc., Grand Rapids, Vice President, Jay S. Pettitt, Jr., of the office of Albert Kahn, Associated Architects and Engineers, Secretary, Chase Black, of Haughey Black & Williams, of Battle Creek, Jack Monteith, of Swanson Associates, Bloomfield Hills, Treasurer.

Board members for this term of office will be, Paul B. Brown, Detroit, F. Huston Colvin, Ann Arbor, Gordon Cornwell, Traverse City, Jackson B. Hallett, of Midland, Walter M. Laitala, Ann Arbor, Philip J. Meathe, MSA Re-

gional Director, Louis Menk, Detroit, Bruce H. Smith, Immediate Past President, Royal Oak, Robert S. Swanson, Bloomfield Hills, James E. Tomblinson, Flint.

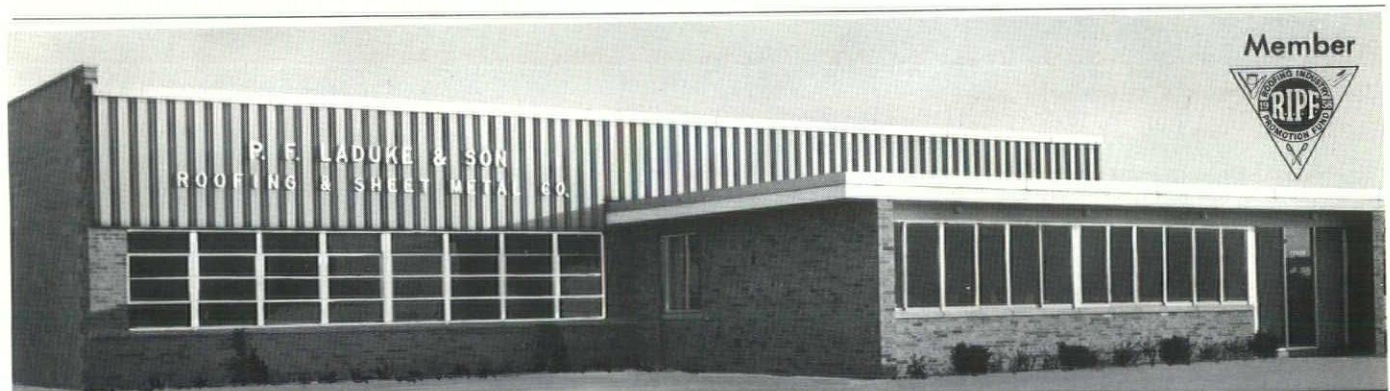
ANNOUNCEMENTS

Richard Prince, AIA, Architect, Kalamazoo, Michigan announces that his office has been relocated to 3623 Douglas Avenue.

The firm of Spence and Smith, Architects, Saginaw, is pleased to announce an expansion of its staff and office facilities and also a reorganization of its principals.

Richard A. Forsythe has been appointed to the position of Associate in charge of production James A. Spence, Jr. will be responsible for engineering and field supervision, A. Calvin Smith will handle the architectural design phase of the firm's projects. James A. Spence, Sr. will remain as senior partner and direct client relations.

Franklin H. Smith has recently joined the staff as specification writer and is now registered as a Michigan architect. This gives the firm five registered architects and a total staff of fourteen persons.



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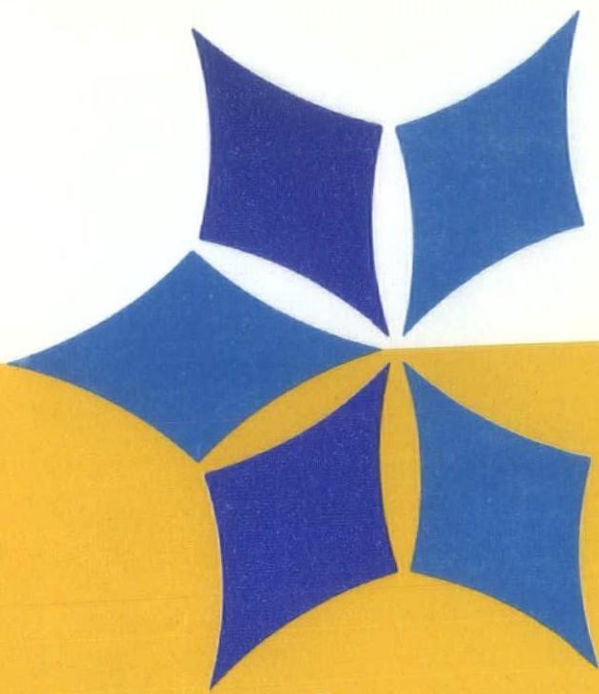
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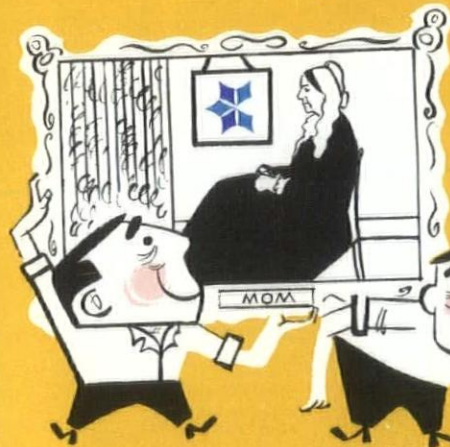
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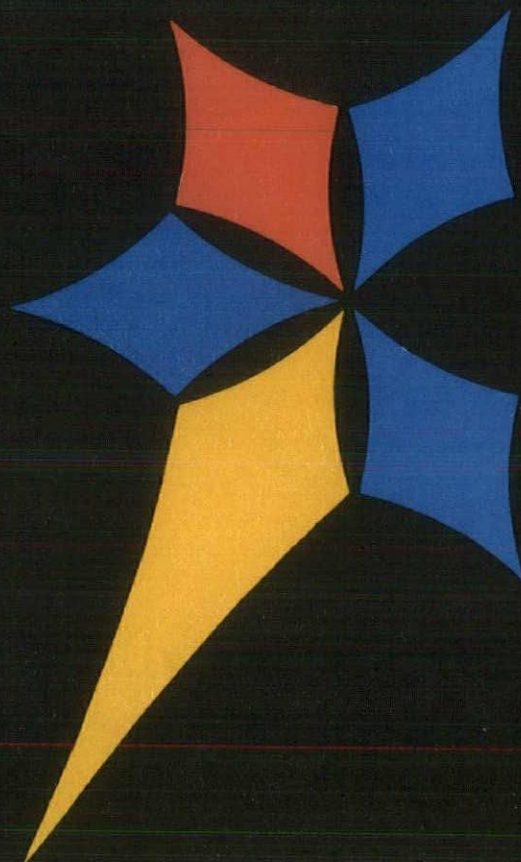
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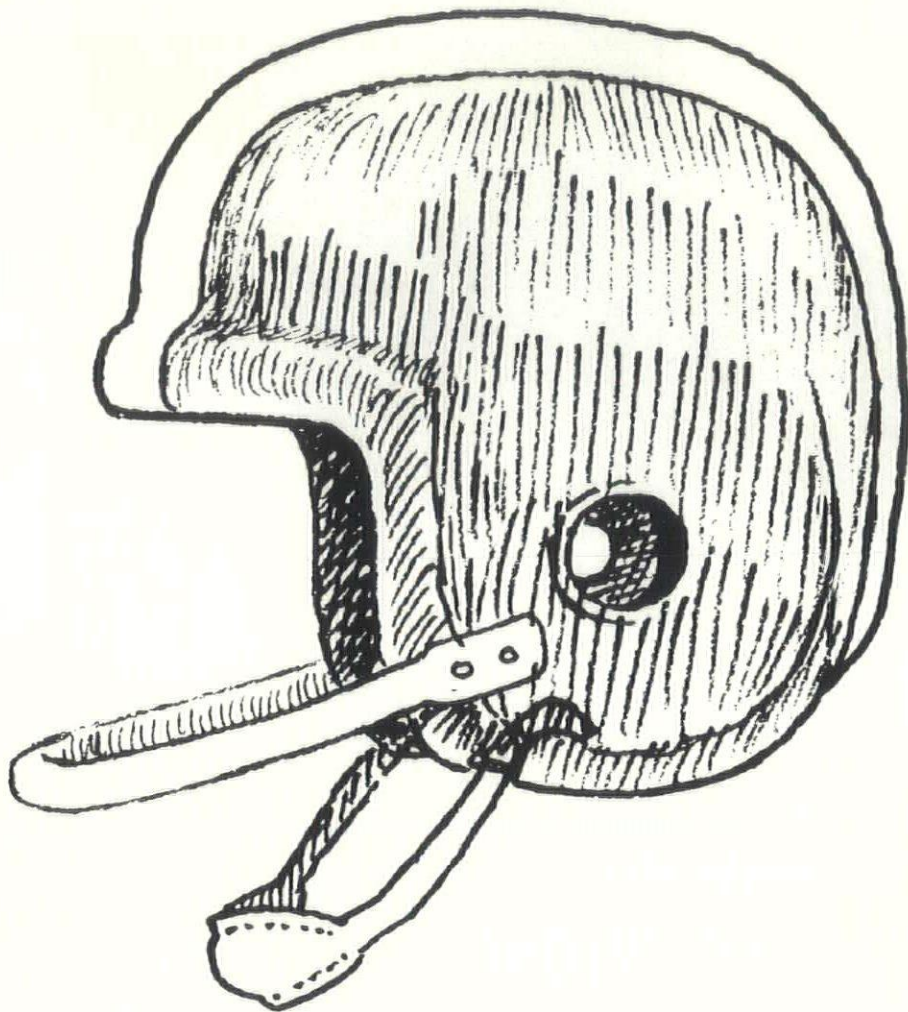
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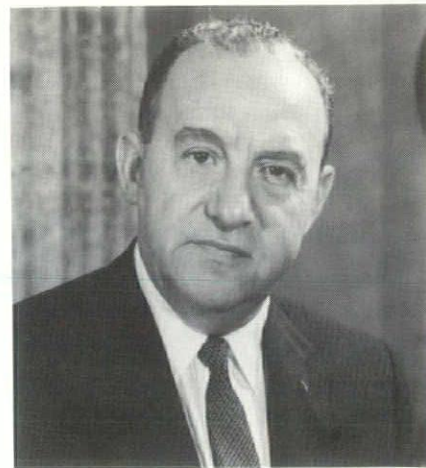
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Report From The President



Louis G. Redstone, FAIA

As I look back over the past year, it is worthwhile and necessary to make a realistic appraisal of the accomplishments of the Detroit Chapter officers, and of the work still incomplete.

Our main efforts were concentrated in several areas:

1. To create an understanding and a positive image of the architect in the eyes of the general public.
2. To create a closer contact among the allied professions.
3. To improve office practice in every branch of its activities.
4. To collaborate with City agencies and construction

industries whenever such assistance is requested.

To accomplish the above mentioned goals, many of the Chapter Committees spent much time and effort—all this at a time when the workload in every office is very heavy.

The Civic Design Committee, with Sig Blum and Harold Binder as Chairman and Co-chairman, concentrated their efforts toward the creation of a Detroit Municipal Fine Arts Commission which would have a voice and legal status in approving major public, civic and even some private building projects. It would be patterned after the Commission established in Seattle, Washington.

The Office Practice Committee, with Bradley Storrer and

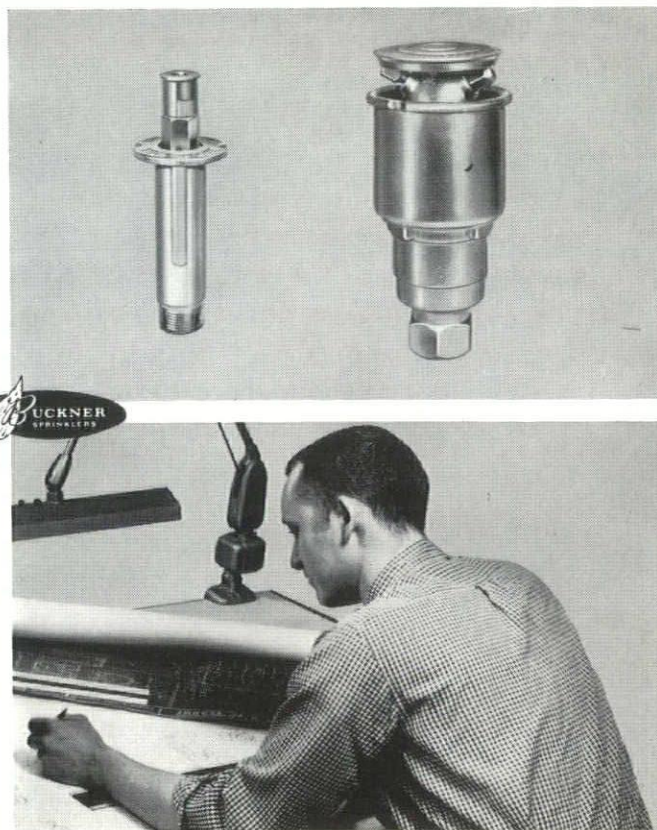
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Karl Greimel as Chairman and Co-chairman, had a very fruitful year. The main project, which was conducted jointly with the Michigan Society of Architects, was a work shop seminar, sharing experiences with various offices from many parts of the country. The workshop, featuring many prominent speakers, was held in Ann Arbor with large attendance from all State Chapters.

The other project of the Committee, which is still in the process of completion, is a survey of the architectural profession in the State of Michigan. This survey is headed by Gerald Supina, an architectural student of the University of Detroit, who is doing this as part of a thesis under the Committee's supervision.

As part of the "War on Community Ugliness," the Education Committee, with Earl Pellerin and Harold Binder as Chairman and Co-chairman, is well underway to start an architectural competition among high school students in the Detroit area. Part of the program will consist of a redevelopment project for their own neighborhood, thereby making them more conscious and understanding of the problems involved. It also should give great stimulus to interested students who intend to make architecture their profession. This program is co-sponsored by the Detroit Edison Company with Frank North leading the way.

The Chapter Affairs Committee, with Suren Pilafian and Bernard Colton as Chairman and Co-chairman was most active. The Committee was responsible for the recommendation on the absentee balloting and for other revisions of by-laws which will be presented for your approval.

The Public Relations Committee, with Gerald Diehl and Robert Alpern as Chairman and Co-chairman, is preparing an ambitious program of radio talks on all aspects of architecture. The idea is to stress the significance of the Profession in general, rather than to feature individual firms.

Charles Blessing and Paul Brown, the Chairman and Co-chairman of the Metropolitan Research Committee, concentrated their efforts on supporting and implementing the master study of the metropolitan physical environment. The committee will also cooperate with Irving Rubin, new Executive Director of the Comprehensive Transportation and Land Use Plan.

The Preservation of Historic Buildings gains new significance in the light of the national drive against Community Ugliness. The National Office will designate the Chairman of this Committee as the Preservation Officer, and as such, will be the person through whom the National Committee will work in organizing programs designed to provide some of the tools with which to wage our "War on Ugliness."

Last year John, Morgan the Chairman of the Committee performed an extraordinary service in gathering material on the Scripps House for possible use for the Detroit Chapter. We hope that members of the incoming committee will take their task seriously, and contact local authorities in advance to find out which of the important buildings are slated for demolition.

We have had several joint meetings with other professional groups, the January meeting was conducted jointly with the American Institute of Steel Construction and the Society of Professional Engineers. The February meeting was a joint affair with the Industrial Designers. Other meetings were of pertinent interest to the architects and many of the meetings had excellent attendance. However, in the year ahead, it is our hope that more members, especially the younger set, and our newly elected members, will attend and participate actively in the activities of the Chapter. We need the help of everyone to raise the standards and work for the betterment of our profession.

ANNOUNCEMENT

As members of the Michigan Roofing Contractors Association, Inc. we are pleased to comply with the M.R.C.A. recommendation that all its contractor-members thru-out Michigan shall begin to issue TWO year personal guarantees on any roofing or sheet metal jobs which they may do subsequent to January 1, 1966.



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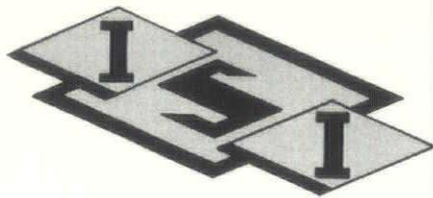


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Eleventh Annual Homes for Better Living

The Eleventh Annual Homes for Better Living Awards competition has been announced by Richard W. O'Neill, Editor of House and Home Magazine.

Entries may be submitted by the owner, architect or builder. Houses and apartments must be designed by a registered architect and built and completed since January 1, 1963 in any of the 50 states or U.S. possessions. Entries shall have the approval of all parties named above. There shall be no restrictions on publications of the building or additional photography.

Awards will be made on the basis of outstanding contributions to better living through residential design, site planning and construction. Award winners will be displayed at the 19th Annual Convention of the AIA in Denver, Colo., June 26-30, 1966.

Awards will be made in three categories:

(1) Custom Houses designed specifically for an individual owner, divided into three classes according to size:

a) Under 1,600 sq. ft. of living space
b) 1,600 to 2,800 sq. ft. of living space

c) Over 2,800 sq. ft. of living space

(2) Merchant-Built Houses designed for merchant-builder production and sold speculatively, divided into three classes, according to sales price, including land:

d) under \$25,000

e) \$25,000 to \$40,000

f) over \$40,000

(3) Garden Apartments and townhouses built for rent or sale. Apartments shall not be over three stories in height from grade, must comprise four or more living units and may be single buildings or one of a group. Unit sale price or monthly rental shall be indicated.

g) Single apartment buildings

h) Multi-building apartment groups

i) Townhouses (single or in blocks)

Outstanding architects, housing industry leaders and the editors of American House & Home will judge the entries. Judging will take place at the Octagon on April 26 and 27, 1966.

Pertinent information on each entry shall be submitted on the registration blank attached to this announcement (or a facsimile), together with a payment of \$10 for each home or apartment entered. Any number may be entered.

Entry blanks and additional information may be obtained from James P. Gallagher, Senior Editor, House & Home Magazine, 330 West 42nd Street, New York, New York.

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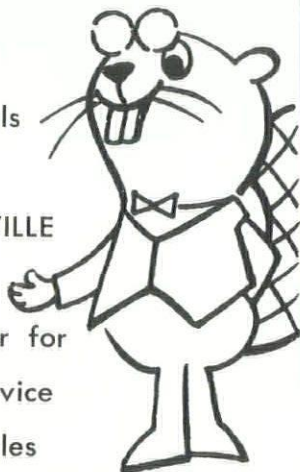
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Task Force For "War"

A high-level task force of prominent architects has been appointed to oversee the massive and continuing "War on Community Ugliness." The American Institute of Architects is conducting through its 161 chapters across the nation.

The board of directors of the Institute, during its annual winter meeting, assigned the role of leadership in the growing campaign to a task force composed of Willis N. Mills, FAIA, of Stamford, Conn., chairman; and George Rockrise, FAIA, of San Francisco, Calif.; Kenneth W. Brooks, AIA, of Spokane, Wash., and Richard W. Snibbe, AIA, New York, N.Y., as members.

The task force will take over on Jan. 1, the duties which were carried for the past year by Robert L. Durham, FAIA, of Seattle, Wash., who has been the "General" in the war since its start.

Durham asked to be relieved of his duties because of the pressure of other Institute responsibilities. He is a vice president and chairman of the AIA Council on Commissions, a new name given to the former Committee on Committees during this week's board meeting.

Changes also were made in the personnel of the Institute's commissions, which administer the activities of more than 50 active committees. The changes will be effective February 1, 1966.

Willis N. Mills, FAIA, was named new chairman of the Commission on Architectural Design, to replace Durham, and Philip J. Meathe, AIA, Grosse Pointe Park, Mich., was added to the commission. Charles Blessing, FAIA, of Detroit, Mich., a current member of the commission, will retain his post.

Daniel C. Cowling Jr., AIA, of Little Rock, Ark., was named new chairman of the Commission on the Professional Society, succeeding Robert H. Levison, AIA, of Clearwater, Fla., who will remain a commission member. Bernard B. Rothschild, AIA, of Atlanta, Ga., was appointed third member of the commission.

The AIA Commission on Education and Research will be headed up by Walter Scholer, Jr., AIA, of Lafayette, Ind., replacing James M. Hunter, FAIA, of Boulder, Colo., who remains on the commission along with Donald Q. Faragher, FAIA, Rochester, N.Y.

David N. Yerkes, FAIA, of Washington, D.C. was named to the Commission on Public Affairs, which is headed by Lleyellyn W. Pitts, FAIA, of Beaumont, Texas. Third member is C. Day Woodford, FAIA, of Los Angeles, Calif.

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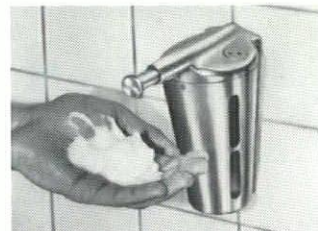
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Trade Centers to House Wholesale Furniture Mart

A new role for Detroit as an important center of the wholesale furniture market was predicted today by Harold A. Robinson, associated for 26 years with the Robinson Furniture Company.

Robinson disclosed that he has established a new firm to serve retailers, interior decorators, designers and architects. He has leased an entire floor of the Detroit Trade Center for a complete home furnishings display center featuring furniture, floor coverings, fabrics and accessories. He emphasized that the new business has no connection with the Robinson Furniture Company.

Robinson said he is convinced that Detroit is on the threshold of becoming a major market center for home furnishings, comparable to New York, Chicago, Atlanta, Dallas, San Francisco and similar merchandising centers.

Robinson said his new showroom will equal in size the largest single decorators' furnishings showroom in the Chicago Merchandise Mart. It will open early next year when the first building of the Detroit Trade Center is completed. He expects several furniture, fabric and carpeting firms to open in the building at the same time.

The Detroit Trade Center, a \$10-million complex of offices and display rooms, is being built at Sixth and How-

ard alongside the John Lodge Freeway.

It will consist of two high-rise towers linked by a glass and concrete service tower and will provide 450,000 square feet of space for the apparel, soft goods, giftware and automotive industries in addition to home furnishings. Smith, Hinchman & Grylls Associates, Inc., are the architects for the Center.

New Books

McGraw-Hill Book Company has announced the publication of two new books: "Applied Structural Design of Buildings," 3rd Edition by Thomas H. McKaig, Consulting Engineer. 494 pages plus index; 319 illustrations; 7 1/4 x 9 7/8; McGraw-Hill; \$17.50. Publication date: September, 1965.

"Construction Scheduling and Control" by George E. Deatherage. 309 pages plus index; 126 illustrations; 7 1/4 x 9 7/8; McGraw-Hill; \$15.00. Publication date: October, 1965.

Award Program Announced For Library Buildings

The third joint "Library Buildings Award Program" to encourage excellence in the architectural design and planning of libraries has been announced by the three sponsoring national organizations.

The American Institute of Architects, the American Library Association and the National Book Committee are cooperating in the program. Any

library in the United States completed after January 1, 1961, and designed by a registered architect practicing professionally in the United States is eligible.

Application for entry, including a fee of \$20, must be made by January 31, 1966, and deadline for receipt of submissions in brochure form is March 1, 1966.

A jury appointed by the AIA will include three architects and one representative each of the American Library Association and the National Book Committee. Three librarians, each to represent a class of libraries, will also be named, each librarian serving only when his classification or category is being judged.

Entries will not be judged in competition with other entries, but on the basis of the solution of the problem presented to the architect and its worthiness for an award. The jury will select one or more First Honor Awards for Distinguished Accomplishments in Architecture, and Awards of Merit in Architecture for as many entries as the jury deems serving.

Entries should be submitted to the Library Building Award Program, The American Institute of Architects, 1735 New York Ave., N.W., Washington, D.C. 20006. Announcement of the winners will be made during National Library Week April 17-23, 1966.

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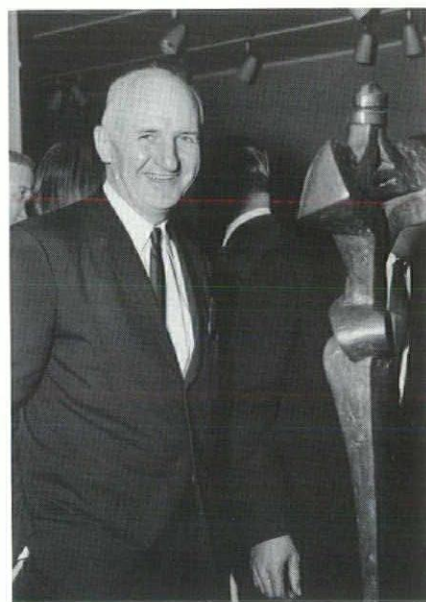
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Allied Arts Festival 1965

As part of its long range efforts to encourage integration of the Arts in Architecture, the Allied Arts Committee of the Detroit Chapter of the American Institute of Architects held the Fifth Annual Festival on Saturday, November 20, in Detroit.

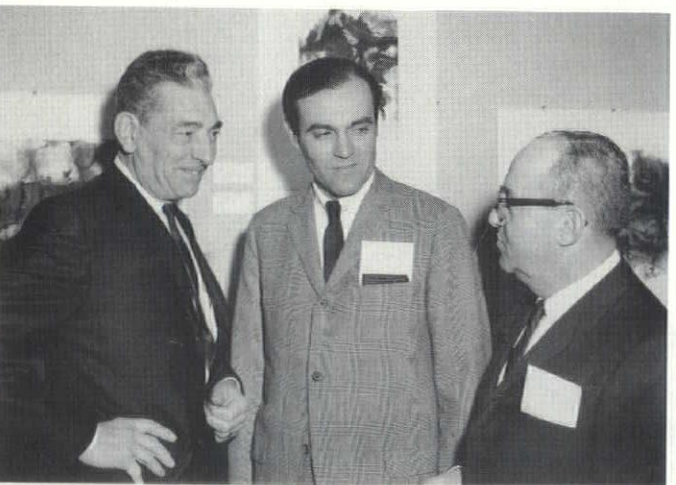
The purpose of the Festival was to bring together Architects, Landscape Architects, Planners, Interior Designers, Artists, craftsmen and Gallery Directors to discuss mutual problems and promote the integration of the Arts.

John Sheoris, the Chairman of the 1965 Festival and his committee organized an ambitious afternoon and evening program. Committee members were Yoshizo Machida, Vice Chairman; Jerome Chirco, Montgomery Ferar, Shirley A. Jannuzzi, David H. Lee, William S. Quinlan, Donald Richards, Clarence Roy, Victor J. Shrem, David Spalding and Roderick E. Warren.



An exhibit of recent watercolors by Louis Redstone, Detroit Chapter President, and an exhibition of sculpture by Sorel Etrog began the Festival at the Gallery of the J. L. Hudson Company. The exhibits were arranged by the Director of the Hudson Gallery, Albert Landry.

Following the reception at Hudson's, the group moved to the Campus of Wayne State University and an Exhibit of "Art in Urban Architecture" designed and organized by Paul F. Damaz, AIA. After dinner, in the McGregor Memorial, an original dance "Woodward" was performed by the WSU Dance Workshop under the direction of Harriet Berg. The program concluded with guest speaker, Paul Damaz, and his talk on "Art in Urban Architecture."



CALENDAR

1966

- January* 20 DC, AIA-CSI Joint Meeting, Crystal Ballroom, Pick-Fort Shelby Hotel, Detroit. Harold Rosen, speaker.
- 24-27 Critical Path Method Workshop, University of Wisconsin, Madison.
- January* 25 Ann Arbor Goals Conference—Michigan Union.
- 29 Forum on Urban Ugliness, Lawrence Institute of Technology.
- March* 16 & 17 MSA 52nd Annual Convention, Statler Hilton Hotel, Detroit.
- June* 26 thru July 1 AIA Convention, Denver Hilton Hotel, Denver.
- August* 4 thru 6 MSA Mid-Summer Conference, Grand Hotel, Mackinac Island.

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- April* 12 & 13 MSA 53rd Annual Convention—Civic Center Lansing.

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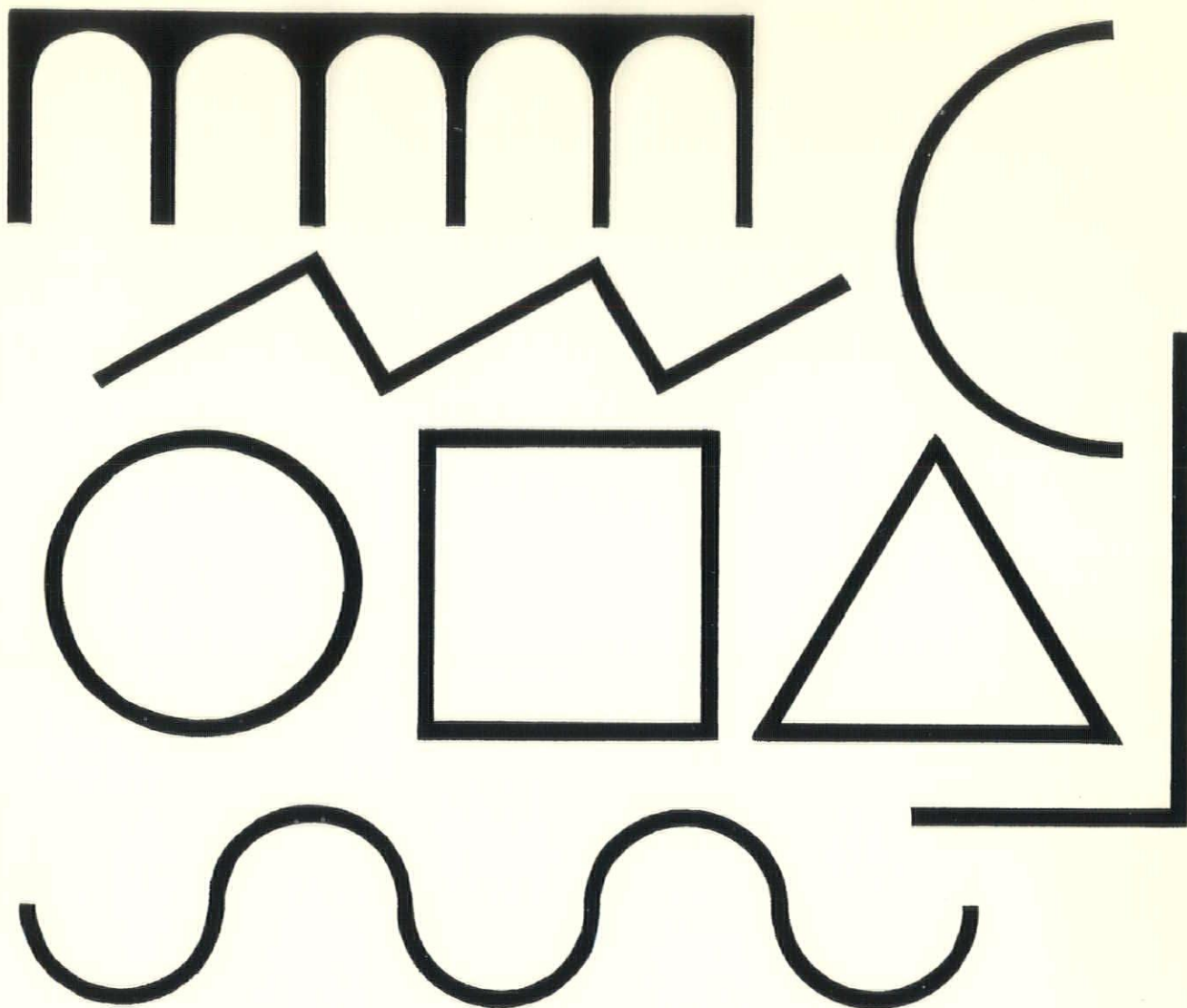
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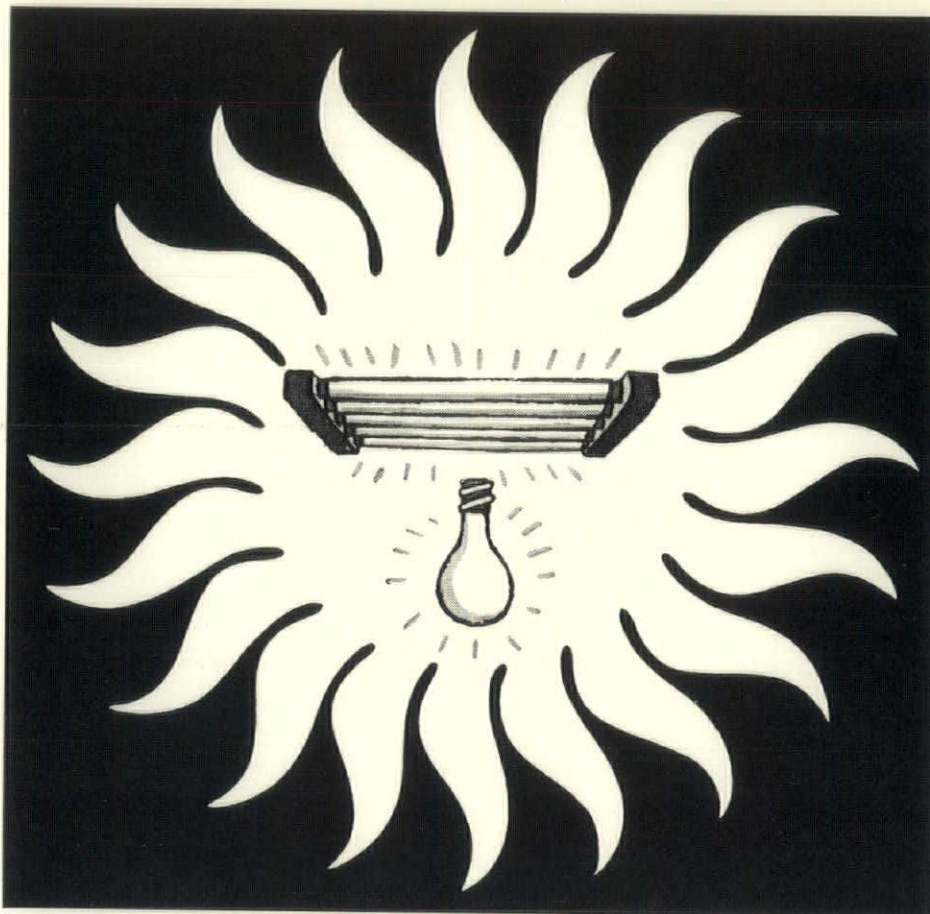


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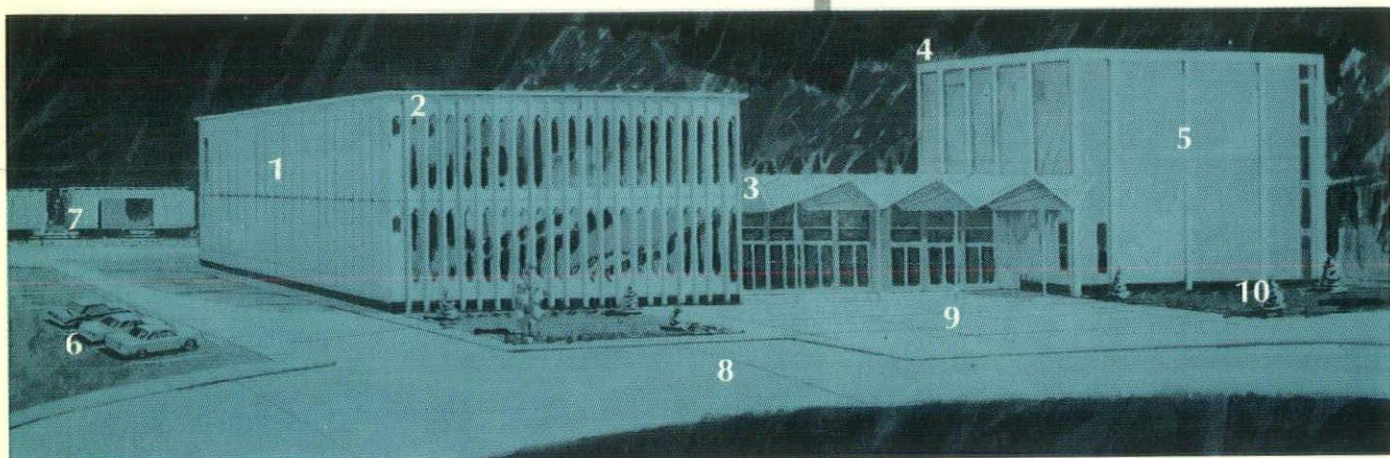
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The system helps you save on air conditioning, too. Heat is drawn off in warm weather, measurably lessening the load on air conditioning equipment.

To find out more, call us. A heating specialist will consult with you at your convenience. No obligation, of course. In Detroit we're at WO 2-2100, extension 3131. Elsewhere, call your Edison office.

EDISON

versatile is the word for **SLAG** aggregate



Blast furnace SLAG, (as defined by A.S.T.M.) is the "non-metallic product consisting essentially of silicates and aluminosilicates of lime and other bases, which is developed simultaneously with iron in a blast furnace." Simply stated: Blast furnace SLAG is the result of the iron-refining process. Its useful characteristics have been known for centuries. In recent years, this "by product" has moved into the front rank of construction materials. SLAG offers versatility in *all* construction uses. Technical information supplied.

1

Masonry units—plain or patterned, offer weight-savings, excellent sound absorption and heat insulation.

2

Pre-cast wall panels—plain or with exposed aggregate finish for unusual texture, color, and design treatments.

3

Prestressed concrete—structural and aesthetic demands. Slag is hard, tough highly resistant to weathering.

4

Roofing aggregate—best for built-up roofing with its shape, texture, light weight and weathering resistance.

5

Structural concrete—the coarse aggregate in Portland cement. Advantages: better bond, light weight and high resistance to climatic changes.

6

Bituminous paving—surface treatment and aggregate base. High interlock and stability, greater skid resistance.

7

Railroad track ballast and sub-ballast. Slag aggregate is durable, hard, clean. Its lighter weight yields cost savings.

8

Concrete paving—coarse aggregate, sub base and select sub base. Ideal for roads, runways and parking areas.

9

Terrazzo—for functional and decorative applications. Variety of textures from fine to coarse. Color permitted.

10

Landscaping—soil conditioner and accent to planting areas.

EDW. C. LEVY COMPANY

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